

Brandon Andrews

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Software Engineering

Dedicated professional currently completing MS in Computer Science degree with a focus on Software Engineering. Quick learner with aptitude to troubleshoot problems on the spot and deliver expedient solutions. Proven ability to manage multiple work orders while meeting time-sensitive deadlines and communicating effectively with external clients and internal departments.

- - Key Proficiencies - -

Software Design ▪ Data Structure Utilization ▪ Web Content ▪ Algorithm Development ▪ Dynamic Programming ▪ Object Oriented Programming ▪ Code Review ▪ Scrum Methodology ▪ Discrete Logic ▪ Project Management

Programming: C++, Python, Java, C#, HTML, CSS, Java Script, AJAX, AngularJS, SQL, Ionic Framework, MongoDB, Bootstrap, PHP

Software/OS: Mac, Microsoft Windows, Unix/Linux, Google Apps, MS Office, MS Project, MS Visio

EDUCATION

UNIVERSITY OF MISSOURI-KANSAS CITY

Master of Science – Computer Science, Software Engineering (Dec 2016 Graduation)

- Algorithms and Complexity – Design strategies such as greedy, divide-and-conquer, and dynamic programming. Additionally, classical algorithms and their supporting data structures were examined. Throughout, asymptotic complexity is studied in the worst, average, and best cases.
- Software Engineering Capstone – Followed Agile methodology to produce a web app with deliverables in each phase of the software lifecycle.
- Web Design - Created dynamic websites utilizing user registration/login, database access and style documents.
- Data Structures – Abstractions and strategies for implementation of stacks, queues, lists, trees, priority queues, advanced tree structures, hashing tables, dictionaries, and disjoint sets.

UNIVERSITY OF NORTHERN IOWA

Bachelor of Arts – Finance 2009

WORK EXPERIENCE

UMKC INFORMATION SERVICES

Technical Assistant 2015-Present

- Provide desktop and audio/visual support for students, faculty, and guests.
- Identify and troubleshoot technology issues within classrooms.
- Instructed the use of classroom technologies.

TECH EXPRESS LLC

2013-2014

Field Service Engineer

- Troubleshoot network and computer related issues to find workable solutions.
- Interacted with clients and resolved issues remotely via help-desk support.
- Researched hardware and software needs for clients based on industry; collaborated with sales to enhance customer service and drive performance of deliverables.
- Created a formal process for new employees to follow for PC troubleshooting and repair.